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Serial No. 10/686,711

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 9, 14 and 23 in accordance with the following:

9. (Currently Amended) A dehumidifying and air-conditioning apparatus comprising:
a dehumidifier rotor by which humidity is desorbed by a heated air; and
a heat exchange element providing heat exchange between two flow passages, the air dried by said dehumidifier rotor being supplied to a room through a first passage of said heat exchange element, air from inside of the room being passed in a second passage of said heat exchange element and discharged to the atmosphere, and liquid water being supplied in the second passage of said heat exchange element wherein the air from the inside of the room is passed directly to the second passage of the heat exchange element without first being passed through the dehumidifier rotor.

10. (Original) A dehumidifying and air-conditioning apparatus according to claim 9, in which said heat exchange element is a stationary sensible heat exchange element.

11. (Previously Presented) A dehumidifying and air-conditioning apparatus according to claim 9, in which hot air from a source of exhaust heat is applied to a part of said dehumidifier rotor.

12. (Previously Presented) A dehumidifying and air-conditioning apparatus according to claim 9, in which the air coming out from the second passage of the heat exchange element has been humidified.

13. (Previously Presented) A dehumidifying and air-conditioning apparatus according to claim 12, in which the air coming out from the second passage of said heat exchange element has been humidified by a water-spraying nozzle which forces micro-particles of water to flow with the air in the second passage of said heat exchange element.

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14. (Currently Amended) A dehumidifying and air-conditioning apparatus comprising:
a dehumidifier rotor by which humidity is desorbed by a heated air; and
a heat exchange element providing heat exchange between ~~two flow~~ first and second
passages, the second passages of the heat exchange element having a flow section and a
water section, the air dried by said dehumidifier rotor being supplied to a room through ~~a the~~ the first
passages of said heat exchange element, air from inside of the room being passed in ~~a the~~ the flow
section of the second passages of said heat exchange element and discharged to the
atmosphere, and water drops being supplied in the water section of the second passages of said
heat exchange element, ~~drops of~~ said water drops being added in outer air and said outer air
being passed in ~~a part the~~ the water section of the second passages of said heat exchange element.

15. (Previously Presented) A dehumidifying and air-conditioning apparatus according to
claim 14 in which the dehumidifier rotor is used as a sound absorbing honeycomb material.

16-18. (Cancelled)

19. (Previously Presented) A dehumidifying and air-conditioning apparatus according to
claim 13, wherein the passages of the heat exchange element are isolated such that the dried
air in the first passage is prevented from adsorbing moisture from the water supplied air in the
cooling passage.

20-22. (Cancelled)

23. (Currently Amended) A dehumidifying and air-conditioning apparatus comprising:
a dehumidifier rotor in which moisture from humid air is captured by hot air; and
a heat exchange element providing heat exchange between at least two flow passages,
the air dried by said dehumidifier rotor being supplied to a room through one passage of said
heat exchange element, liquid water is passed in another passage of said heat exchange
element, wherein the passages of the heat exchange element are isolated such that the dry air
in the one passage is prevented from adsorbing moisture from the humidified air in the another
passage wherein air from the inside of the room is passed directly to the second passage of the
heat exchange element without first being passed through the dehumidifier rotor.

24. (Currently Amended) A dehumidifying and air-conditioning apparatus comprising:

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a dehumidifier rotor in which moisture from humid air is captured by hot air;

a heat exchange element providing heat exchange between at least two flow passages and including a separate cooling passage, the air dried by said dehumidifier rotor being supplied to a room through a first passage of said heat exchange element, air from inside of the room, which is humidified, being passed in the cooling passage of said heat exchange element, liquid water also being passed through the cooling passage of the heat exchange element; and

a hot air outlet which passes the hot air to the dehumidifier rotor, the outlet producing high frequency noise,

wherein the air from the inside of the room is passed directly to the cooling passage of the heat exchange element without first being passed through the dehumidifier rotor.